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| | | |
|---|---|---|
| NEWS 1 | | Web Page URLs for STN Seminar Schedule - N. America |
| NEWS 2 | | "Ask CAS" for self-help around the clock |
| NEWS 3 | SEP 09 | CA/CAplus records now contain indexing from 1907 to the present |
| NEWS 4 | DEC 08 | INPADOC: Legal Status data reloaded |
| NEWS 5 | SEP 29 | DISSABS now available on STN |
| NEWS 6 | OCT 10 | PCTFULL: Two new display fields added |
| NEWS 7 | OCT 21 | BIOSIS file reloaded and enhanced |
| NEWS 8 | OCT 28 | BIOSIS file segment of TOXCENTER reloaded and enhanced |
| NEWS 9 | NOV 24 | MSDS-CCOHS file reloaded |
| NEWS 10 | DEC 08 | CABA reloaded with left truncation |
| NEWS 11 | DEC 08 | IMS file names changed |
| NEWS 12 | DEC 09 | Experimental property data collected by CAS now available in REGISTRY |
| NEWS 13 | DEC 09 | STN Entry Date available for display in REGISTRY and CA/CAplus |
| NEWS 14 | DEC 17 | DGENE: Two new display fields added |
| NEWS 15 | DEC 18 | BIOTECHNO no longer updated |
| NEWS 16 | DEC 19 | CROPU no longer updated; subscriber discount no longer available |
| NEWS 17 | DEC 22 | Additional INPI reactions and pre-1907 documents added to CAS databases |
| NEWS 18 | DEC 22 | IFIPAT/IFIUDB/IFICDB reloaded with new data and search fields |
| NEWS 19 | DEC 22 | ABI-INFORM now available on STN |
| NEWS 20 | JAN 27 | Source of Registration (SR) information in REGISTRY updated and searchable |
| NEWS 21 | JAN 27 | A new search aid, the Company Name Thesaurus, available in CA/CAplus |
| NEWS 22 | FEB 05 | German (DE) application and patent publication number format changes |
| NEWS 23 | MAR 03 | MEDLINE and LMEDLINE reloaded |
| NEWS 24 | MAR 03 | MEDLINE file segment of TOXCENTER reloaded |
| NEWS 25 | MAR 03 | FRANCEPAT now available on STN |

| | |
|---|---|
| NEWS EXPRESS | MARCH 5 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 3 MARCH 2004 |
| NEWS HOURS | STN Operating Hours Plus Help Desk Availability |
| NEWS INTER | General Internet Information |
| NEWS LOGIN | Welcome Banner and News Items |
| NEWS PHONE | Direct Dial and Telecommunication Network Access to STN |
| NEWS WWW | CAS World Wide Web Site (general information) |

Enter NEWS followed by the item number or name to see news on that specific topic.

* * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 17:16:13 ON 09 MAR 2004

=> file reg

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| FULL ESTIMATED COST | 0.21 | 0.21 |

FILE 'REGISTRY' ENTERED AT 17:16:21 ON 09 MAR 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.


Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 8 MAR 2004 HIGHEST RN 660388-34-1
DICTIONARY FILE UPDATES: 8 MAR 2004 HIGHEST RN 660388-34-1

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

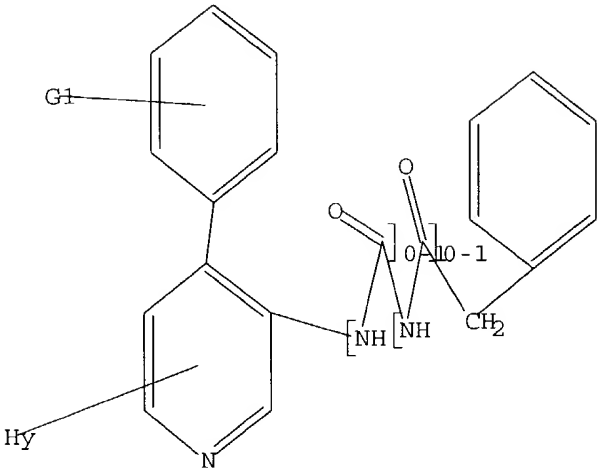
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading c:\program files\stnexp\queries\09922066.10

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR




G1 H,X

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss full
FULL SEARCH INITIATED 17:16:44 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 55293 TO ITERATE

100.0% PROCESSED 55293 ITERATIONS 5 ANSWERS
SEARCH TIME: 00.00.03

L2 5 SEA SSS FUL L1

=> file caplus

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| FULL ESTIMATED COST | 155.42 | 155.63 |

FILE 'CAPLUS' ENTERED AT 17:16:53 ON 09 MAR 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.


FILE COVERS 1907 - 9 Mar 2004 VOL 140 ISS 11
FILE LAST UPDATED: 8 Mar 2004 (20040308/ED)

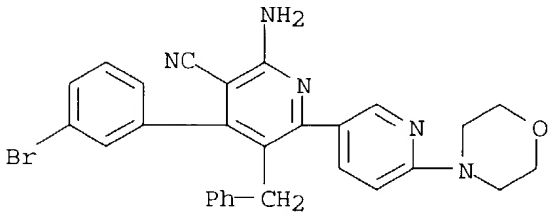
This file contains CAS Registry Numbers for easy and accurate

substance identification.

=> s l2
L3 3 L2

=> d l3 fbib hitstr abs total

L3 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:827068 CAPLUS
DN 140:27799
TI 5,6,7-Trisubstituted 4-aminopyrido[2,3-d]pyrimidines as novel inhibitors of adenosine kinase
AU Perner, Richard J.; Gu, Yu-Gui; Lee, Chih-Hung; Bayburt, Erol K.; McKie, Jeffery; Alexander, Karen M.; Kohlhaas, Kathy L.; Wismer, Carol T.; Mikusa, Joe; Jarvis, Michael F.; Kowaluk, Elizabeth A.; Bhagwat, Shripad S.
CS Neuroscience Research, Global Pharmaceutical Research and Development, Abbott Laboratories, Abbott Park, IL, 60064-6115, USA
SO Journal of Medicinal Chemistry (2003), 46(24), 5249-5257
CODEN: JMCMAR; ISSN: 0022-2623
PB American Chemical Society
DT Journal
LA English
IT **634186-01-9P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of trisubstituted aminopyrido[2,3-d]pyrimidines as inhibitors of adenosine kinase)
RN 634186-01-9 CAPLUS
CN [2,3'-Bipyridine]-5-carbonitrile, 6-amino-4-(3-bromophenyl)-6'-(4-morpholinyl)-3-(phenylmethyl)- (9CI) (CA INDEX NAME)

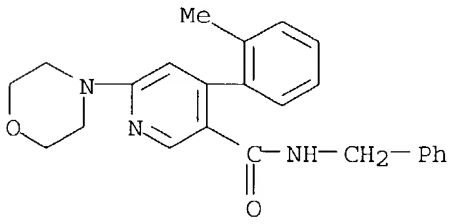



AB The synthesis and structure-activity relationship of a series of 5,6,7-trisubstituted 4-aminopyrido[2,3-d]pyrimidines as novel non-nucleoside adenosine kinase inhibitors is described. A variety of alkyl, aryl, and heteroaryl substituents were found to be tolerated at the C5, C6, and C7 positions of the pyridopyrimidine core. These studies have led to the identification of analogs that are potent inhibitors of adenosine kinase with in vivo analgesic activity. Compds. thus prepared and tested included 5,6-bis(3-fluoro-4-methylphenyl)-7-(2-thienyl)pyrido[2,3-d]pyrimidin-4-amine hydrochloride, 5-(4-bromo-2-thienyl)-6-(3,4-dimethoxyphenyl)-7-(2-thienyl)pyrido[2,3-d]pyrimidin-4-amine hydrochloride, 5-(3-bromophenyl)-7-[6-(4-morpholinyl)-3-pyridinyl]-6-phenylpyrido[2,3-d]pyrimidin-4-amine hydrochloride, etc.
RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:396485 CAPLUS
DN 135:5533
TI Process for preparation of pyridine derivatives
IN Hilpert, Hans; Hoffmann-Emery, Fabienne; Rimmler, Goesta; Rogers-Evans, Mark; Stahr, Helmut Werner; Waldmeier, Pius
PA F. Hoffmann-La Roche A.-G., Switz.
SO Eur. Pat. Appl., 28 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| PI EP 1103546 | A1 | 20010530 | EP 2000-125665 | 20001123 |
| EP 1103546 | B1 | 20031022 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | | |
| | | | EP 1999-123686 A | 19991129 |
| US 6303790 | B1 | 20011016 | US 2000-716538 | 20001120 |
| | | | EP 1999-123686 A | 19991129 |
| AT 252559 | E | 20031115 | AT 2000-125665 | 20001123 |
| | | | EP 1999-123686 A | 19991129 |
| JP 2001151755 | A2 | 20010605 | JP 2000-360682 | 20001128 |
| JP 3403164 | B2 | 20030506 | | |
| | | | EP 1999-123686 A | 19991129 |
| CN 1297887 | A | 20010606 | CN 2000-128383 | 20001128 |
| | | | EP 1999-123686 A | 19991129 |

OS CASREACT 135:5533; MARPAT 135:5533
IT **342416-86-8P**
RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)
(process for preparation of pyridine derivs.)
RN 342416-86-8 CAPLUS
CN 3-Pyridinecarboxamide, 4-(2-methylphenyl)-6-(4-morpholinyl)-N-(phenylmethyl)- (9CI) (CA INDEX NAME)

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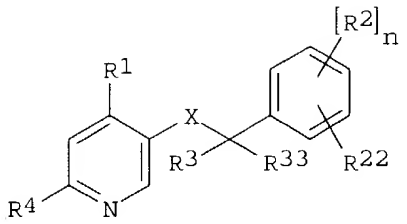

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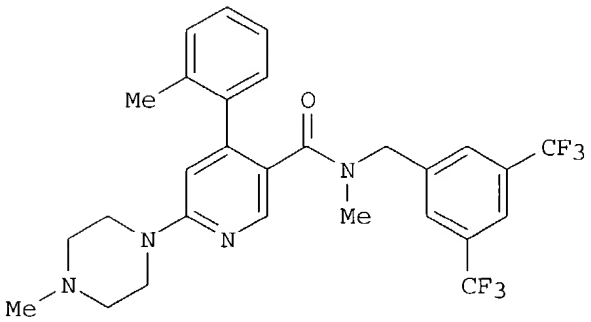

II

AB The title compds. [I; R1 = alkyl, (un)substituted aryl; R2, R22 = H, halo, CF3, etc.; R2 and R22 may be together = (un)substituted CH:CHCH:CH; R3, R33 = H, alkyl, or forming a cycloalkyl together with the carbon atom, to which they are attached; R4 = H, alkyl, (un)substituted NH2, etc.; X = CONR5, NR5CO; R5 = H, alkyl, CH2Ph; n = 0-4], useful as antagonists of neurokinin 1 receptor (no data), were prepared Thus, treating 6-chloronicotinic acid with SOCl2 and MeNH2.HCl followed by reaction of 6-chloro-N-methylnicotinamide with o-tolylmagnesium chloride and 1-methylpiperazine, treatment of 6-(4-methylpiperazin-1-yl)-4-o-tolyl-4,5-dihydropyridine-3-carboxylic acid methylamide with MnO2, and reacting N-methyl-6-(4-methylpiperazin-1-yl)-4-o-tolylnicotinamide with 3,5-bis(trifluoromethyl)benzyl bromide afforded the nicotinamide II.

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:545594 CAPLUS
DN 129:148914
TI Preparation of 2-amino-4-aryl-5-arylmethyl-5-cyclopentyl-3-hydroxymethylpyridines and related compounds for treatment of arteriosclerosis.
IN Schmeck, Carsten; Brandes, Arndt; Loegers, Michael; Schmidt, Gunter; Bremm, Klaus-Dieter; Bischoff, Hilmar; Schmidt, Delf; Schuhmacher, Joachim
PA Bayer A.-G., Germany
SO Ger. Offen., 22 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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| PI | DE 19704243 | A1 | 19980806 | DE 1997-19704243 | 19970205 |
| | WO 9834920 | A1 | 19980813 | WO 1998-EP362 | 19980123 |

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

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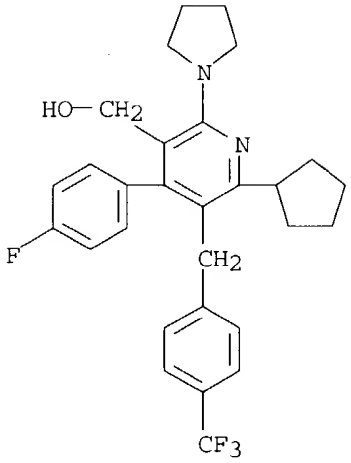
| | | | DE 1997-19704243A 19970205 |
| AU 9862123 | A1 | 19980826 | AU 1998-62123 19980123 |
| AU 730109 | B2 | 20010222 | |
| | | | DE 1997-19704243A 19970205 |
| | | | WO 1998-EP362 W 19980123 |
| BR 9807181 | A | 20000125 | BR 1998-7181 19980123 |
| | | | DE 1997-19704243A 19970205 |
| | | | WO 1998-EP362 W 19980123 |
| EP 973744 | A1 | 20000126 | EP 1998-904126 19980123 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | |
| | | | DE 1997-19704243A 19970205 |
| | | | WO 1998-EP362 W 19980123 |
| NZ 337011 | A | 20010427 | NZ 1998-337011 19980123 |
| | | | DE 1997-19704243A 19970205 |
| | | | WO 1998-EP362 W 19980123 |
| JP 2001510478 | T2 | 20010731 | JP 1998-533691 19980123 |
| | | | DE 1997-19704243A 19970205 |
| | | | WO 1998-EP362 W 19980123 |
| NO 9903738 | A | 19990917 | NO 1999-3738 19990802 |
| | | | DE 1997-19704243A 19970205 |
| | | | WO 1998-EP362 W 19980123 |
| BG 103631 | A | 20001130 | BG 1999-103631 19990803 |
| | | | DE 1997-19704243A 19970205 |
| | | | WO 1998-EP362 W 19980123 |
| MX 9907244 | A | 20000131 | MX 1999-7244 19990805 |
| | | | DE 1997-19704243A 19970205 |
| | | | WO 1998-EP362 W 19980123 |

OS MARPAT 129:148914

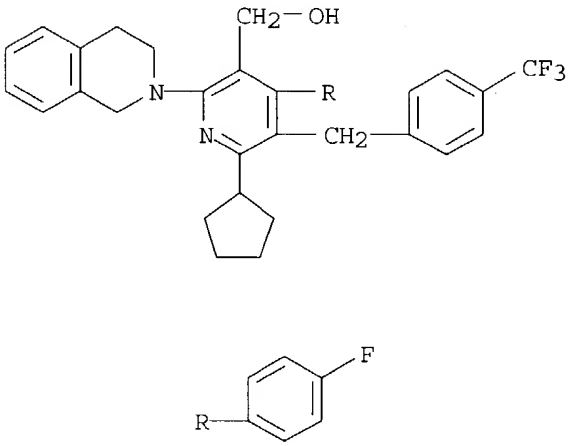
IT **210981-21-8P 210981-27-4P 210981-28-5P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 2-amino-4-aryl-5-arylmethyl-5-cyclopentyl-3-hydroxymethylpyridines and related compds. for treatment of arteriosclerosis)

RN 210981-21-8 CAPLUS

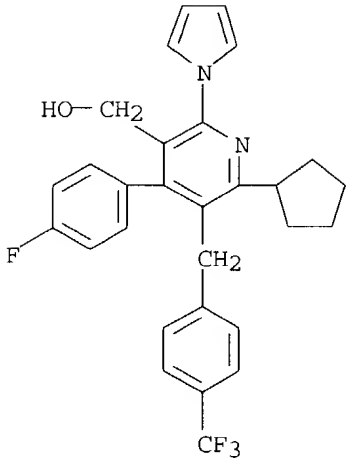
CN 3-Pyridinemethanol, 6-cyclopentyl-4-(4-fluorophenyl)-2-(1-pyrrolidinyl)-5-[[4-(trifluoromethyl)phenyl]methyl]- (9CI) (CA INDEX NAME)



RN 210981-27-4 CAPLUS
CN 3-Pyridinemethanol, 6-cyclopentyl-2-(3,4-dihydro-2(1H)-isoquinolinyl)-4-(4-fluorophenyl)-5-[[4-(trifluoromethyl)phenyl]methyl]- (9CI) (CA INDEX NAME)



RN 210981-28-5 CAPLUS
CN 3-Pyridinemethanol, 6-cyclopentyl-4-(4-fluorophenyl)-2-(1H-pyrrol-1-yl)-5-[[4-(trifluoromethyl)phenyl]methyl]- (9CI) (CA INDEX NAME)



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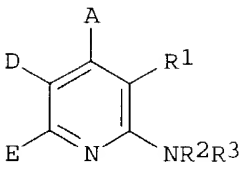

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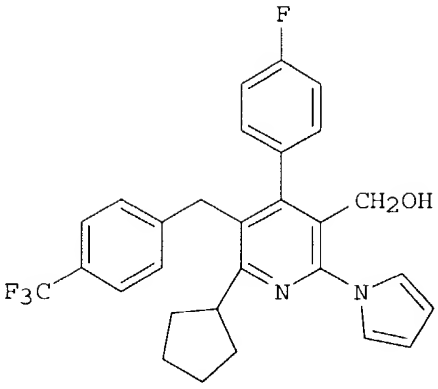

II

AB Title compds. [I; A = (substituted) aryl; D = (substituted) aryl, R6L, etc.; R6 = (substituted) cycloalkyl, aryl, (benzocondensed) mono-, di-, or tricyclic heterocyclyl; L = (substituted) alkyl, alkenyl; E = cycloalkyl, (substituted) alkyl; R1 = hydroxyalkyl; R2, R3 = H, Ph, PhCH2, cycloalkyl, alkyl, acyl, aminocarbonyl; R2R3N = 5-7 membered (unsatd.) (benzocondensed) (substituted) heterocyclyl], were prepared Thus, title compound (II) inhibited cholesteryl ester transfer protein with IC50 = 6 + 10-8 M.

```
=> s phenyl and pyridine
L4        20193 PHENYL AND PYRIDINE

=> s l4 and l3
L5            0 L4 AND L3

=> log y
COST IN U.S. DOLLARS                          SINCE FILE       TOTAL
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| | ENTRY | SESSION |
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| FULL ESTIMATED COST | 19.22 | 174.85 |

| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| CA SUBSCRIBER PRICE | -2.08 | -2.08 |

STN INTERNATIONAL LOGOFF AT 17:18:55 ON 09 MAR 2004